

# CRF Errors Corrected by the STIC Systems Branch

Serial Number: 08/300,494

CRF Processing Date: 3/30/95  
 Edited by: AMC  
 Verified by: AMB (STIC staff)

☒ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line

☐ Edited a format error in the Current Application Data section, specifically:

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

☒ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Seq. 8 had a "10" in the SEQ ID NO. field

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

☐ Deleted extra, invalid, headings used by an applicant, specifically:

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as

☐ Inserted mandatory headings, specifically:

☐ Corrected an obvious error in the response, specifically:

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

☒ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

☐ Other:

ENTERED

4/14/95

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/300,484DATE: 03/30/95  
TIME: 21:01:20

INPUT SET: S3019.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## SEQUENCE LISTING

## (1) General Information:

(i) APPLICANT: Andrew C. Hiatt, Floyd Rose

(ii) TITLE OF INVENTION: ENZYME CATALYZED TEMPLATE-  
INDEPENDENT CREATION OF  
PHOSPHODIESTER BONDS USING  
PROTECTED NUCLEOTIDES

(iii) NUMBER OF SEQUENCES: 8

## (iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Lyon & Lyon  
(B) STREET: 633 West Fifth Street  
Suite 4700  
(C) CITY: Los Angeles  
(D) STATE: California  
(E) COUNTRY: U.S.A.  
(F) ZIP: 90071

## (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
storage  
(B) COMPUTER: IBM Compatible  
(C) OPERATING SYSTEM: IBM P.C. DOS 5.0  
(D) SOFTWARE: Word Perfect 5.1

## (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/300,484  
(B) FILING DATE: September 1, 1994  
(C) CLASSIFICATION:

## (vii) PRIOR APPLICATION DATA:

Prior applications total,  
including application  
described below: none

## (viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Guise, Jeffrey W.

ENTERED

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/08/300,484

DATE: 03/30/95  
TIME: 21:01:23

INPUT SET: S3019.raw

(B) REGISTRATION NUMBER: 134613  
(C) REFERENCE/DOCKET NUMBER: 207/145

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (619) 552-8400  
(B) TELEFAX: (619) 552-0159  
(C) TELEX: 67-3510

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ix) FEATURE:

(D) OTHER INFORMATION: base number 12 is m7g

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

CCCCCCCCCG

12

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 19  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

CCCCCCCCC CCCCCTGCA

19

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 20  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/300,484

DATE: 03/30/95  
TIME: 21:01:26

INPUT SET: S3019.raw

100 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

101  
102 CTGCAGGGGGG GGGGGGGGGG

20

103

104

105

106

107

108

109

110

111 (2) INFORMATION FOR SEQ ID NO: 4:

112

113 (i) SEQUENCE CHARACTERISTICS:

114

115 (A) LENGTH: 9

116 (B) TYPE: nucleic acid

117 (C) STRANDEDNESS: single

118 (D) TOPOLOGY: linear

119

120 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

121

122 CCCCCCCC

9

123

124

125 (2) INFORMATION FOR SEQ ID NO: 5:

126

127 (i) SEQUENCE CHARACTERISTICS:

128

129 (A) LENGTH: 9

130 (B) TYPE: nucleic acid

131 (C) STRANDEDNESS: single

132 (D) TOPOLOGY: linear

133

134 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

135

136 GGGGGGGGG

9

137

138

139 (2) INFORMATION FOR SEQ ID NO: 6:

140

141 (i) SEQUENCE CHARACTERISTICS:

142

143 (A) LENGTH: 5

144 (B) TYPE: nucleic acid

145 (C) STRANDEDNESS: single

146 (D) TOPOLOGY: linear

147

148 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

149

150 CTGCA

5

151

152 (2) INFORMATION FOR SEQ ID NO: 7:

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/300,484

DATE: 03/30/95

TIME: 21:01:28

INPUT SET: S3019.raw

153

154

## (i) SEQUENCE CHARACTERISTICS:

155

156

(A) LENGTH: 9

157

(B) TYPE: nucleic acid

158

(C) STRANDEDNESS: single

159

(D) TOPOLOGY: linear

160

161

## (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

162

163

CTGCATGCA

9

164

165

166

## (2) INFORMATION FOR SEQ ID NO: 8:

167

168

## (i) SEQUENCE CHARACTERISTICS:

169

170

(A) LENGTH: 10

171

(B) TYPE: nucleic acid

172

(C) STRANDEDNESS: single

173

(D) TOPOLOGY: linear

174

175

## (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

176

177

CTGCATGCAG

10

178

179

180

181

182

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/300,484DATE: 03/30/95  
TIME: 21:01:30

INPUT SET: S3019.raw

## \*\*\*\*\* PREVIOUSLY ERRORED SEQUENCES - EDITED \*\*\*\*\*

166 (2) INFORMATION FOR SEQ ID NO: 8:  
167  
168 (i) SEQUENCE CHARACTERISTICS:  
169  
170 (A) LENGTH: 10  
171 (B) TYPE: nucleic acid  
172 (C) STRANDEDNESS: single  
173 (D) TOPOLOGY: linear  
174  
175 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
176  
177 CTGCATGCAG 10  
178  
179  
180  
181  
182

---

PAGE: 1

SEQUENCE VERIFICATION REPORT  
PATENT APPLICATION US/08/300,484

DATE: 03/30/95  
TIME: 21:01:31

INPUT SET: S3019.raw

Line	Error	Original Text
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RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/300,484DATE: 03/30/95  
TIME: 15:57:21

INPUT SET: S3019.raw

This Raw Listing contains the General  
Information Section and those Sequences  
containing ERRORS.

## SEQUENCE LISTING

## (1) General Information:

(i) APPLICANT: Andrew C. Hiatt, Floyd Rose

(ii) TITLE OF INVENTION: ENZYME CATALYZED TEMPLATE-  
INDEPENDENT CREATION OF  
PHOSPHODIESTER BONDS USING  
PROTECTED NUCLEOTIDES

(iii) NUMBER OF SEQUENCES: 8

## (iv) CORRESPONDENCE ADDRESS:

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(C) CITY: Los Angeles  
(D) STATE: California  
(E) COUNTRY: U.S.A.  
(F) ZIP: 90071

## (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
storage  
(B) COMPUTER: IBM Compatible  
(C) OPERATING SYSTEM: IBM P.C. DOS 5.0  
(D) SOFTWARE: Word Perfect 5.1

## (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/300,484  
(B) FILING DATE: September 1, 1994  
(C) CLASSIFICATION:

## (vii) PRIOR APPLICATION DATA:

Prior applications total,  
including application  
described below: none

## (viii) ATTORNEY/AGENT INFORMATION:




RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/300,484

DATE: 03/30/95

TIME: 15:57:26

INPUT SET: S3019.raw

46 (A) NAME: Guise, Jeffrey W.  
47 (B) REGISTRATION NUMBER: 34,613  
48 (C) REFERENCE/DOCKET NUMBER: 207/145  
49  
50 (ix) TELECOMMUNICATION INFORMATION:  
51  
52 (A) TELEPHONE: (619) 552-8400  
53 (B) TELEFAX: (619) 552-0159  
54 (C) TELEX: 67-3510(2) INFORMATION FOR SEQ ID NO:  
55  
--> 56 (i) SEQUENCE CHARACTERISTICS:  *remove hard past break code*  
57  
--> 58 (A) LENGTH: 12  
--> 59 (B) TYPE: nucleic acid  
--> 60 (C) STRANDEDNESS: single  
--> 61 (D) TOPOLOGY: linear  
62  
--> 63 (ix) Features:  
64  
--> 65 (D) Other Information: base number 12 is m7g  
66  
67  
--> 68 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
69  
70 CCCCCCCCCC CG 12  
71  
72  
73

## ERRORED SEQUENCES FOLLOW:

164 (2) INFORMATION FOR SEQ ID NO: 8:  
165  
166 (i) SEQUENCE CHARACTERISTICS:  
167  
168 (A) LENGTH: 10  
169 (B) TYPE: nucleic acid  
170 (C) STRANDEDNESS: single  
171 (D) TOPOLOGY: linear  
172  
--> 173 (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
174  
175 CTGCATGCAG 10  
176  
177  
178  
179

SEQUENCE VERIFICATION REPORT  
PATENT APPLICATION US/08/300,484

DATE: 03/30/95  
TIME: 15:57:29

INPUT SET: S3019.raw

Line	Error	Original Text
12	Number of Sequences (8) Doesn't Equal Actual Count (7)	(iii) NUMBER OF SEQUENCES: 8
56	Unknown or Misplaced Identifier	(i) SEQUENCE CHARACTERISTICS:
58	Unknown or Misplaced Identifier	(A) LENGTH: 12
59	Unknown or Misplaced Identifier	(B) TYPE: nucleic acid
60	Unknown or Misplaced Identifier	(C) STRANDEDNESS: single
61	Unknown or Misplaced Identifier	(D) TOPOLOGY: linear
63	Unknown or Misplaced Identifier	(ix) Features:
65	Unknown or Misplaced Identifier	(D) Other Information: base number 12 is m7g
68	Unknown or Misplaced Identifier	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
173	Wrong Sequence Number	(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 10: